

Communication and Team Building Workshop Glenholm Scotland, April 28th - May 4th, 2002

A workshop was held in Glenholm sponsored by the NLM and TDR/MIM. It grouped Principal investigators and their data managers from the participating countries of the MIM/TDR AMDRN, as well as other network managers from the MIMCOM (Inga van Schayk and Tom Oluoch) and from SMAC (Chris Olola) projects. From the national Library of Medicine Julia Royall and Nancy Kamau (research fellow from Kenya), Allen Hightower from the Centers for Disease Control, USA. Present at the meeting from the WHO, were Prof. Ayo Oduola, and Dr. Olumide Ogundahunsi from TDR/RCS and the Network manager Wilfred Mbacham. Network sites were represented by Ghana (Dr Koram), Mali (Dr. Djimde and Mr Belco), Nigeria (Dr Gbotosho and Mr Bello), Uganda (Dr Kironde and Mr Simon Kassasa) and from Tanzania (Mr Oscar Mukassa).

Team Building

Team building exercises were organized by Inga van Schayk with assistance from Wilfred Mbacham. Theses basically focused on Psychotype analysis wherein through questions of character traits each individual was able to determine and know their psychotypes. In addition participants were able to understand the strengths and short comings of their psychotypes.

Problem solving was organized by asking the researchers to come up with a topic which they would jointly solve. That suggested was "What do you do in a situation where one of your research investigators is not reporting on time and holds back on the network". This was broken down into investigating the problem, and putting up immediate and long term solutions.

Group archery lessons were organized to the participation of every one. A sight seeing and an outing tour was organized to Edinburg for the participants and the participants were treated to Scottish dance classes. A quiz was organized with gift of glasses for the winners from the Broughton Ale's beer company which participants visited and sampled their beer the day before.

Internet Matters and Website Development

Web data base searches was lectured on by Mrs. Nancy Kamau, research fellow from Kenya at the NLM. She pointed out more efficient ways of surfing the net for information with a lecture on improving accessibility at peak hours based on a improved links communication technology a company had developed.

Setting up a website was organized for the Network participants on the categories to fill in. This activity was coordinated by Allen Hightower of the CDC and Neil Robinson of the Glenholm Center. Members had free connectivity to the internet at all times during the workshop.

The main categories to feature on the front page were:

- Introduction with links to sponsors and collaborator institutions
- Training
- Network Sites and
- News and Workshops/Seminars

Principal Investigators and their data managers were paired and worked on the development of the websites as follows:

Mr. Simon Kassasa, Dr Kironde and Professor Oduola	Training
Mr. Oscar Mukassa and Dr Koram	News/Seminars

Mr. Belco and Dr Djimde
Mr. Bello and Dr Gbotosho

Introduction
Network sites

Drs. Wilfred Mbacham and Ogundahunsi would provide information for filling in the different categories.

In other matters Dr Wilfred Mbacham will merge the case record forms (CRF) and select from that form what data should be summarized and to appear on the website.

A deadline was set for May 18 for sections of the website to be submitted to TDR, and June 1, 2002 for uploading to a website. The website will be published June 4, 2002.

Glenholm Workshop site.

The site was well suiting for such an exercise given that the closest to town was an hours drive away. Based on a farm, they was no other activity except group activity and team building exercises to turn to.

A Memorandum of Understanding

An understanding was arrived at by the Principal Investigators on the future conduct of research and collaboration directions for the network. This is contained in a document found here below as a memorandum of understanding.

Appreciation

We wish to appreciate the warm reception and the good food offered by Fiona and Neils, Mr and Mrs Bennet and the stewards Stella and Grace of the Glenholm Center. It was really a home and people felt wonderful associating with each other through out the period of our stay.

Updates and Country challenges

Network investigators met in a side meeting to flush out some of the difficulties and challenges that lie ahead in these, investigators identified what could still be holding on them from effectively starting to do work. This is contained in table 1 below;

Table 5: Site-Specific Concerns

Site	Sample Collection Sart date	In vitro	In vivo	Mol. Markers	Pharmacokinetics
Ghana	Aug/Sept, 2002	Training , and drugs, and plate reader	Equipment for Blood Biochemistry	Registration with MR4	Filter paper for collection
Mali	Aug/Sept 2002	Training and drugs, plate reader	Equipment for Blood Biochemistry	Registration with MR4	Filter paper for collection

Nigeria	Aug/Sept 2002	Drugs	Equipment for Blood Biochemistry	Registration with MR4	Filter paper for collection
Tanzania	Sept/Oct 2002	Training , and drugs, and plate reader	Equipment for Blood Biochemistry	Registration with MR4	Filter paper for collection
Uganda	Aug/Sept 2002	Training , and drugs, plate reader	Equipment for Blood Biochemistry	Registration with MR4	Filter paper for collection

General Matters

An ethical approval needs to be hurried to MIM/TDR as soon as possible.

Case Record Forms

List of Board members of IRB and their Professional Affiliations (use NIH form)

Standard Operating Protocols: A detailed SOP for *in vitro* will be sent by May 20 to all PIs by Dr. G.O. Gbotosho. A list reagents and suppliers will be sent for all *in vitro* and Pharmacokinetics assays by Dr. G. O. Gbotosho,

A list-serve will be set up by Dr. Ogundahunsi by May 15 to facilitate discussion between investigators within the network

Recommend and wish for the *in vitro* workshop to hold before effective collection starts. The workshop date was scheduled for third week of July 2002 in Cotonou, Benin (Contact Dr. G.O. Gbotosho). Emphasis will be placed on microscopy in the wait for pLDH assay (if not perfected by that workshop date). Drugs for *in vitro* will be supplied by MR4 (CQ, AQ, Penfloridol Verapmil, SP, MQ)

Each site will purchase drugs for clinical trials from their locality for purposes of advising the National Malaria Control Program. They should keep the source constant and if necessary to control for the quality of these medications.

_____oOo_____

Memorandum of Understanding

Principal Investigators of the MIM/TDR Anti-Malaria Drug Resistance Network Glenholm, Scotland, United Kingdom, April 28 – May 4th, 2002.

We the undersigned Principal Investigators representing the MIM/TDR Anti-malarial Drug Resistance Network at a meeting held during the NLM-MIM/TDR Workshop on Communication and Team building, held between 28th of April and 5th of May 2002 at the Glenholm Centre, Broughton, Scotland, UK resolved as follow:

- To continue to work as a team to define anti-malarial drug resistance based on the four parameters (*in vitro* antimalarial drug susceptibility, molecular markers of drug resistance, clinical response and blood levels of antimalarial drugs following treatment) as previously agreed and outlined in the Network SOP.

- To develop and maintain a web site for the MIM/TDR antimalarial Drug Resistance network.
- To provide access and share data generated in each site through a common data base on a secure FTP server. The data from each site however remain the intellectual property of the investigators at that site.
- That summaries generated from the database will be made available on a password protected section of the network website under development. Summaries will contain information on *number of patients recruited to date, number of samples processed, number of parameters analysed, graphical representation of progress towards established milestons*. The summaries will be updated on a regular basis and serve as a monitoring tool for the network.
- That each site will have *read-write* access to their data and *read-only* access for data from other sites.
- That the data managers from each site will rotate responsibility for managing the network database under the supervision of the Network coordinator. Managers will rotate every 6 months
- That this collective access and discussion should contribute to capacity building and present a novel way of collaboration.
- That the data presented to the network will be coded for patient confidentiality.
- To increase and enhance security of the web site through an initial *Low profile initially and limited links to other web sites*
- To explore hosting the web site at either the South African National Bioinformatics Institute (SANBI) or the US National Library of Medicine (NLM),
- That each site could publish own data along side the aggregate network data done as a collective publication by network investigators after performing meta analysis of the data
- That all data generated for the network should first be published by the network before being used elsewhere or as part of a bigger study.
- That those publications should include appropriate acknowledgement of Network and other funding agency(ies).
- That each investigator has the responsibility to protect the network and the activities of the investigators (publications, scientific presentations and personal communication) should not compromise the publication of the network data.

**Signature &
Date**

Name	Dr. Kojo Koram	Dr. Abdoulaye Djimde	Dr. Sola Gbotosho	Dr. Fred Kironde	Dr H. Mshinda
	PI (Ghana)	PI (Mali)	PI (Nigeria)	Co-PI (Uganda)	(Represented)